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<b>A1</b>		(43) International Publication: 13 April 2000 (13.04.00)
(21) International Application Number: PCT/JP99/05456		<p>OHMAE Hiroaki [JP/JP] 5-2, Hattoridai 2-chome, Kanmakicho, Kitakatsuragi-gun, NARA 639-0212 JAPAN OKUTANI Norio [JP/JP] 18-D-75-106, Tsukumodai 5-chome, Suite-shi, OSAKA, 565-0862 JAPAN</p> <p>(74) Agent: ASAHINA Tadao [JP/JP] c/o Osaka Plant of Takeda Chemical Industries Co. 17-85, Jusohoncho 2-chome, Yodogawa-ku, Osaka-shi, OSAKA 532-0024 JAPAN</p> <p>(81) Designated States: AE, AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, US, UZ, VN, YU, ZA, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG), ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM)</p> <p>Attachment International Search Report</p>
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(54) Title: <u>PROCESS FOR ELIMINATING N-TERMINAL METHIONINE</u>		
(57) Abstract: A process for freeing A peptide having an optionally oxidized diketomethionine residue at the N-terminal or a salt thereof from the diketomethionine residue, characterized by reacting the peptide or salt with 3,4-diaminobenzoic acid or salt thereof in the presence of acetic acid and sodium formate, formic acid and sodium formate, of formic acid and sodium acetate; and a process for preparing peptides free from N-terminal methionine residues or salts thereof.		

## ABSTRACT OF THE DISCLOSURE

A method for removing the diketone of the methionine residue, and a method for manufacturing a peptide or salt thereof which does not possess N-terminal methionine residue, characterized by having a peptide or salt thereof which possesses a diketone of the optionally oxidized N-terminal methionine residue react with 3,4-diaminobenzoic acid or a salt thereof in the presence of acetic acid and sodium formate, formic acid and sodium formate, or formic acid and sodium acetate.

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